

## 5.0 ROOM REQUIREMENTS

### MSAU HQ-BEQ

#### Room Number: – Multipurpose 108

##### Space Characteristics

**Function:** Provides multi-purpose room for various activities for the residents such as: Internet area, video/gaming area, small kitchenette, conference, exercise space and audio/visual area.

**Adjacencies:** Near the vestibule, duty bunk, public heads, vending and laundry.

**Area:** 1,299 SF

**Special Dimensions:** Space shall meet Architectural Barriers Act Accessibility Standards (ABAAS). Refer to Part 3, Chapter 4.4 "Space Allocation" of this RFP for additional square footage allocation into the Multi-Purpose Room. Minimum ceiling height: 11'-0" or greater.

**Acoustics:** Walls: STC 50 (near to the lobby and laundry), STC 50 (walls between other adjacent rooms and spaces), Doors: **STC 45**. Floor/Ceiling assemblies shall have an Impact Isolation Class (IIC) of 50 (IIC 45 if field tested).

**Access:** Accessed directly from Entrance Lobby. Access to exterior and to Laundry Room. Coordinate all room entry details and requirements with user. Room shall also be located near Male and Female Public Heads and Vending / Recycling Space.

**Number of Occupants:** Gathering space for small and large parties and events; and everyday gatherings.

**Other/Special Requirements:**

Construct a small Closet with lockable door adjacent to the built-in cabinets within the Multi-Purpose Room. Provide small kitchenette with sink, built-in wall and base cabinets.

Provide dimmable downlights and zoned lighting.

Provide bank of interior windows shall provide visual access between Multi-Purpose Room and Laundry Room; additional interior windows for visual access between Barracks Manager's Office and Multi-Purpose Room. Exterior windows shall have horizontal binds and black-out drapery. Accent walls shall be incorporated with floor pattern. Break up room into several activity areas. Room to be handicap accessible complying with Architectural Barriers Act Accessibility Standards (ABAAS).

Uniformat Section	Description	Qty	Size	Specific Requirements
B2010	Exterior Walls			Wall construction shall consist of Load bearing CMU backup wall, brick veneer, cast stone trim and a wall cavity space containing the insulation, air, water and vapor barrier.
B202001	Exterior Windows	As Indicated	As Required	ATFP compliant. Prefinished aluminum, thermal broken frames. Window shall be operable double hung windows. Provide solid surface stools (sills).
B202004	Exterior Glazing			Low-e, insulated, laminated glazing meeting ATFP requirements. Glazing shall be tinted matching base standards. Laminated glazing shall be a nominal 0.25" thick minimum. Insulating shall be argon filled.
B203001	Exterior Doors			Thermally-insulated for doors leading to the exterior. Doors shall be flush type with small vision lite (laminated glazing). Steel doors and frames shall be factory-primed, field-painted. Doors are for exiting only. Coordinate access to the exterior with the user.
B203008	Exterior Door Hardware			Provide exit device, alarms and card reader, door contact.

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Uniformat Section	Description	Qty	Size	Specific Requirements
C101001	Fixed Partitions			Concrete Masonry Units (CMU)
C101005	Interior Windows			Hollow metal frames. Shop primed and field painted.
C101007	Interior glazing			Tempered glazing where required.
C102001	Interior Doors	As Indicated	3X7	Provide solid core flush wood door in a factory stained finish and hollow metal frames (field painted).
C102003	Fire Doors			Where required.
C102007	Interior Door Hardware			Provide door gasketing, protection plates, stops, cores and cylinders as required, lock trim. Provide hotel style card reader with mechanical override.
C103004	Identifying Devices			Wall mounted, architectural signage, include room number and name of function
C103007	Fire Extinguisher Cabinets	As needed		Prefinished, semi-recessed fire extinguisher cabinets. Provide rated cabinets in rated assemblies.
C103008	Counters		9'-8" LF, min. 2'-0" LF, min.	Solid surface counter tops with a 4" high back-splash.
C103009	Cabinets		9'-8" LF, min. 2'-0" LF, min.	Wall and base cabinets shall be wood base cabinets. Natural stain finish.
C103012	Firestopping Penetrations	As required		Penetration ratings shall match wall ratings.
C103015	Specialties	As required		articulating mounts for TV's, Wall Pads 6 ft. High
C301002	Acrylic Plaster Coating			High Performance (impact resistant) seamless 10 mil minimum interior acrylic coating system shall be used as an interior wall finish over CMU.
C301003	Gypsum Board			Provide gypsum board accent soffits and bulkheads in the gathering spaces areas. Provide level 4 finish on all exposed surfaces.
C302002	Terrazzo Floor Finish			Terrazzo; Terrazzo base
C303001	Acoustical Tile and Grid		24" x 24"	Suspended acoustical ceiling panels with a reveal edge and standard prefinished grid system.
C303002	Gypsum Board Ceiling Finish			Provide gypsum board accent ceiling (painted).
C304001	Interior Coatings and Finishes			High Performance Latex Paint

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Uniformat Section	Description	Qty	Size	Specific Requirements
D201004	Sinks			Single compartment stainless steel under counter sink. Provide gooseneck style faucet.
D304001	Air Distribution, Heating and Cooling			Provide ventilation complying with latest ASHRAE 62.1 requirements. Provide continuous ventilation equal to exhaust, ventilation air is to be fully conditioned and at neutral conditions of 70 degrees F and maximum 50% RH.
D304007	Exhaust Systems			Provide continuous exhaust
D305003	Fan Coil Units			Provide horizontal 4-pipe fan coil unit with secondary drain pan
D306001	HVAC Controls			Provide DDC capable digital wall mounted thermostat.
D4010	Fire Alarm and Detection Systems			Provide visible and audible notification appliance coverage in accordance with UFC 3-600-01 and UFC 4-021-01.
D4040	Sprinkler Systems			Provide wet-pipe sprinkler coverage in accordance with UFC 3-600-01.
D502001	Branch Circuit Wiring			<p>Provide 120v duplex receptacles every 10' of wall space.</p> <p>Provide power for D5030 equipment as outlined below.</p> <p>Provide dedicated receptacles for TVs. Provide ceiling mounted receptacle for projector. Provide power and switch for screen.</p> <p>Provide power for microwave on dedicated circuit. Provide power for refrigerator on dedicated circuit. Provide GFI duplex receptacles every 4ft oc above the counter.</p> <p>Provide dedicated receptacle for each vending machine fed from GFCI breaker.</p> <p>Provide (4) combination power/telecom floor boxes each with a quad receptacle and telecom outlets as defined in D503001. Floor boxes shall be recessed, completely flush to floor and have inset panel with matching floor covering. Floor boxes shall maintain the fire rating of the floor.</p>
D502002	Lighting Equipment			<p>Target Illuminance = 50fc Fixture Type: recessed volumetric LED plus separately switched task lighting at counters.</p> <p>Control: Vacancy Sensor + Switch at each doorway + Manual Dimming at each doorway. Provide multiple control zones; zones of control shall be coordinated with activity areas.</p>

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D503001	Telecommunications Systems			<p>Refer to D503001 for telecommunications floor box requirements.</p> <p>1-IPTV outlet mounted behind TV. Provide data outlets in the following locations: Coordinate the rough-in location for voice and data communications outlets with the associated equipment mounting configuration. 1- OpenNet and (1) Voice/NMCI outlet in floor box at each training desk 2-OpenNet and (2) voice/NMCI in floor box at each conference table. 6- Combination voice and NMCI data outlets. 4 - Combination (2)Voice / (2) NMCI outlet in floor box 6- OpenNet outlet adjacent to Voice/NMCI outlet. 6-SIPRNet outlet Provide lock box for SIPRNet outlet</p>
D503004	Television Systems			<p>Provide a CATV outlet in the following locations:</p> <p>TV: 1 each, wall-mounted behind the equipment</p> <p>Projector: 1 each, mounted above the accessible ceiling</p> <p>AV Credenza: 1 each</p>
D503005	Security Systems			<p>Provide: Hotel style card readers, door contacts for interior door for training system.</p> <p>Provide door contact for exterior door for both training and live systems.</p> <p>Provide pathway, cabling/wiring for MCESG official A/V Training to rooms 107</p>
D509002	Emergency Lighting and Power			Provide emergency egress and exit lighting.
E102009	Audiovisual Equipment			<p>Coordinate the rough-in location for AV outlets with the associated equipment.</p> <p>Provide Ceiling mounted hardware for projector and motorized projector screen. Coordinate with support blocking, electrical data connections. Provide a pole mount projector mount.</p> <p>Projector Screen: 1 each</p>
E1090	Other Equipment			<p>1 – Microwave</p> <p>In-wall installation of metal mailbox system for distribution of resident mail – min. 16 ft. wide.</p>
E201002	Window Treatments			Aluminum horizontal blinds

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Uniformat Section	Description	Qty	Size	Specific Requirements
E2020	Movable Furnishings			Floor mats Chairs and Tables, lounge chairs, end tables, lamps, sofas. Area rug Recycling Container, Trash Container